

P-W

REPUBLIC MINERAL 2X NAVAJO-E Apache
SE/SW Sec 19-T36N-R30E 571 Co.

COUNTY Apache AREA 15 N/Ne of Lukachukai LEASE NO. NOO-C-14-20-2981

WELL NAME Reentry of P/N 517
REPUBLIC MINERAL CORPORATION ~~2X~~ Navajo-E

LOCATION SE/SW SEC 19 TWP 36N RANGE 30E FOOTAGE 780' FSL - 1955' FWL
ELEV 8620 GR 8633 KB SPUD DATE 10-31-71 STATUS P&A TOTAL
COMP. DATE 11-18-71 DEPTH 4449'

CONTRACTOR Loffland Brothers Company

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	X
13 3/8"	95.8	135 sx		DRILLED BY CABLE TOOL	
8 5/8"	842	400 sx		PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
De Chelly	1997			
Cutler	2728			
Supai	3062			
Hermosa	3742			
Sill	4367-97			
T.D.	4449			
Penn (Est.)	4534			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG	Am Strat
3 Form. Density logs			SAMPLE DESCRP.	
3 Elec. Logs			SAMPLE NO. #1680	
			CORE ANALYSIS	
			DSTs None Reported	

REMARKS This hole was originally opened under Permit 517. Re-entry
was also attempted under Permit 6167 Republic Min. has assigned all
of its interest in this well to Zoller & Danneberg Exp., LTD.

WATER WELL ACCEPTED BY _____

BOND CO. St. Paul Fire & Marine BOND NO. 400 DB 4005
DATE _____
BOND AMT. \$ 5,000 CANCELLED 4-27-73 ORGANIZATION REPORT 10-18-71
FILING RECEIPT 2906 LOC. PLAT X WELL BOOK X PLAT BOOK X
API NO. 02-001-20156 DATE ISSUED 10-26-71 DEDICATION 80 acres

PERMIT NUMBER 571

(over)

DRILL STEM TEST

NO.	FROM	TO	RESULTS

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS
1	4391	4416	-	American Stratigraphic reports hole cored from 4391-4416

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

Zoller & Danneberg attempted re-entry into this hole. Junk was encountered and the well was plugged. See file 616

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG							
DESIGNATE TYPE OF COMPLETION:							
New Well <input type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/>	Gas <input type="checkbox"/> Dry <input checked="" type="checkbox"/>
DESCRIPTION OF WELL AND LEASE							
Operator REPUBLIC MINERAL CORPORATION				Address 500 Union Carbide Building, Houston, Texas 77046			
Federal, State or Indian Lease Number or name of lessor if fee lease NOO-C-14-20-2981				Well Number E-2X		Field & Reservoir Dineh-Bi-Keyah	
Location 780' FSL and 1955' FWL				County Apache County, Arizona			
Sec. TWP-Range or Block & Survey Section 19, T36N, R30E, G. & S.R.M.							
Date spudded 10/29/71		Date total depth reached 11/14/71		Date completed, ready to produce ----		Elevation (DF, RT or Gr.) 8620' GR	
Total depth 4449'		P.B.T.D. ----		Single, dual or triple completion? ----		If this is a dual or triple completion, furnish separate report for each completion. ----	
Producing interval (s) for this completion ----				Rotary tools used (interval) Rotary		Cable tools used (interval) ----	
Was this well directionally drilled? No		Was directional survey made? No		Was copy of directional survey filed? ----		Date filed ----	
Type of electrical or other logs run (check logs filed with the commission) Induction Electrical and Gamma Ray Density						Date filed 1-4-72	
CASING RECORD							
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)							
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled	
Conductor	17"	13-3/8"	H-40	95.8'	135 sx	None	
Surface	12-1/4"	8-5/8"	24"	842'	400 sx	None	
TUBING RECORD				LINER RECORD			
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used		Depth Interval	
INITIAL PRODUCTION							
Date of first production		Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)	
Tubing pressure	Casing pressure	Cal'ated rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	
Disposition of gas (state whether vented, used for fuel or sold):							
<p style="text-align: right; margin-right: 100px;">General Manager</p> <p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the..... of the Republic Mineral Corporation.....(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <p>January 4, 1972 RECEIVED</p> <p>Date</p> <p>JAN 07 1972</p> </div> <div style="text-align: center;"> <p>Signature <i>[Signature]</i></p> </div> </div>							
Permit No. 571				STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File One Copy			

DETAIL OF FORMATIONS PENETRATED			
Formation	Top	Bottom	Description*

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Attach driller's log or other acceptable log of well.

Form No. 4

APPLICATION TO ABANDON AND PLUG

FIELD DINEH-BI-KEYAH
 OPERATOR REPUBLIC MINERAL CORPORATION ADDRESS 2 Greenway Plaza East, #500, Houston, Texas 77046
 Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease NOO-C-14-20-2981 WELL NO. E-2X Navajo
 LOCATION 780' FSL, 1955' FWL, Sec. 19, T36N, R30E, G.&.S.R.M.

TYPE OF WELL Dry Hole TOTAL DEPTH 4449'
 (Oil, Gas or Dry Hole)
 ALLOWABLE (If Assigned)
 LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
 GAS _____ (MCF) DATE OF TEST _____
 PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.

13-3/8" H-40, T&C 95.8'
 8-5/8" 24# 842'

2. FULL DETAILS OF PROPOSED PLAN OF WORK Plugged and abandoned as follows:

4445-4300' w/50 SX
 3800-3650' w/50 SX
 2150-1950' w/70 SX
 870- 820' w/20 SX
 Surface w/10 SX

Regulation Dry Hole marker installed. The above plugging instructions given by radio on 11/14/71 by M. L. Seelinger, U.S.G.S.

DATE COMMENCING OPERATIONS _____

NAME OF PERSON DOING WORK _____

RECEIVED

NOV 22 1971

O & G CONS. Comm.

Signature J E Howard
 Title Vice President

Address Two Greenway Plaza East, #500, Houston, Texas, 77046

Date November 18, 1971

Date Approved _____
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

By: _____

Permit No. 571

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 File Two Copies

Form No. 9

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

NOO-C-14-20-2981

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

E-2X

10. FIELD AND POOL, OR WILDCAT

Dineh-Bi-Keyah

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 19, T36N, R30E,
G. & S. R. M.

12. COUNTY OR PARISH 13. STATE

Apache

Arizona

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐ DRY HOLE

2. NAME OF OPERATOR

REPUBLIC MINERAL CORPORATION

3. ADDRESS OF OPERATOR

Two Greenway Plaza East, #500, Houston, Texas, 77046

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

780' FSL, 1955' FWL, Sec. 19, T36N, R30E

14. PERMIT NO. 571

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
8,620' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PLUGGED AND ABANDONED AS FOLLOWS:

4445-4300' w/50 SX
3800-3650' w/50 SX
2150-1950' w/70 SX
870- 820' w/20 SX
Surface w/10 SX

Regulation Dry Hole Marker Installed

The above plugging instructions given by radio on 11/14/71 by M. L. Seelinger,
United States Geological Survey

RECEIVED

NOV 22 1971

O & G CONS. COMM.

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE Vice President

DATE November 18, 1971

TITLE

DATE

*See Instructions on Reverse Side

#571

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
NOO-C-14-20-2981

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
E-2X

10. FIELD AND POOL, OR WILDCAT

Dineh-Bi-Keyah

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 19, T36N, R30E, G.&SRM

12. COUNTY OR PARISH

APACHE

13. STATE

ARIZONA

14. PERMIT NO.

571

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

8,620' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

FORMATION TOPS

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1997' Top Permian DeChelly
2728' Top Cutler
3062' Top Supai
3742' Top Penn Hermosa
4367' Top Sill
4397' Base Sill
4449' Total Depth
Log 4445
4534 Est Top Penn

RECEIVED

NOV 22 1971

O & G CONS. COMM.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. E. Howard

TITLE **Vice President**

DATE **November 18, 1971**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

#571

*See Instructions on Reverse Side

November 15, 1971

Received the samples today from

Republic Minerals, #2 X Navajo E
Sec. 19-36N-30E
Apache Co. Arizona

Four Corners Sample Cut
P.O. Box # 899
Farmington, New Mexico 87401

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NOV

DEC 17 1971

O & G CONS. COMM.

#571

November 15, 1971

Memo to Republic Mineral Corporation Navajo E-2X
SE/SW Section 19-T36N-R30E
Apache County
our File #571

Memo from W. E. Allen, Director
Enforcement Section

Permission to plug this well was given orally on the 11th and 14th, 1971
by Mr. John Bannister. Cement plugs will be set from 4445' to 4300',
3800 to 3650, and 2150 to 1950, 870 to 820, 10 sacks plug at the surface,
a dry hole marker installed.

Republic reports no-shows in sill. Some water. Permability less than
1 milidarsy. Formation Tops.

571 Mr. Paul - Republic Minerals
11-14-71 1:05 pm

De Chilly	1997'
Cuttler	2728'
SNAP: (Supai)	3062'
Hermosa (Penn)	3742'
Sill	4367-4397
TD 4449	(Slumberger 4445)

Plugs

4445 - 4300

3800 - 3650

2150 - 1950

870 - 820 (shoe)

10 SxS Surface

No Shows in Sill

Some water

perm - less than 1 milidarsy

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: NAVAJO INDIAN TRIBAL COUNCIL
SERIAL No.: NOO-C-14-20-2981

and hereby designates

NAME: REPUBLIC MINERAL CORPORATION
ADDRESS: 500 UNION CARBIDE BUILDING

3737 GREENWAY PLAZA DRIVE, HOUSTON, TEXAS 77027
as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 36 NORTH, RANGE 30 EAST
SECTION 19: SE $\frac{1}{4}$ SW $\frac{1}{4}$

APACHE COUNTY, ARIZONA

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ENVIROSEARCH CORPORATION

G. William Hurley
G. WILLIAM HURLEY (Signature of lessee)

314 PETROLEUM BUILDING
CASPER, WYOMING 82601

(Address)

OCTOBER 15, 1971

(Date)

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OCT 26 1971

571

O & G CONS. COMM.

Form 9-331 C
(May 1963)

SUBMIT IN THIS MANNER
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-B1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☒ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER Re-enter SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
REPUBLIC MINERAL CORPORATION

3. ADDRESS OF OPERATOR
Two Greenway Plaza East, Suite 500, Houston, Texas 77046

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface (as per attached plat)
Sec. 19, T36N, R30E, G.&S.R.M.
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

16. NO. OF ACRES IN LEASE
2,530

17. NO. OF ACRES ASSIGNED
TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
4,500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

8,620' GR

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13-3/8"	H-40 T&C	95.8'	135 sacks
	8-5/8"	24#	842'	400 sacks
	* 4-1/2"	9.5#	T.D.	

Republic Mineral Corporation's plans are to remove dry hole marker, drill out plugs and deepen well to approximately 4,500' or a depth sufficient to penetrate the volcanic sill.

The 13-3/8" and 8-5/8" pipe were set and cemented in hole by previous operator in 1969.

* If well is productive, Republic Mineral Corporation will set 4-1/2" pipe to T.D.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED L. E. Howard TITLE Vice President DATE 10/8/71

(This space for Federal or State office use)

PERMIT NO. 571

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions On Reverse Side

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O & G CONS. COMM.

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☐

RE-ENTER OLD WELL ☒

REPUBLIC MINERAL CORPORATION

NAME OF COMPANY OR OPERATOR

Two Greenway Plaza East, Suite 500 Houston Texas 77046
Address City State

LOFFLAND BROTHERS COMPANY

Drilling Contractor

P. O. Box 688, Farmington, New Mexico 87401
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor NOO-C-14-20-2981	Well number E-2X	Elevation (ground) 8,620'
Nearest distance from proposed location to property or lease line: 780 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: _____ feet	
Number of acres in lease: 2,530	Number of wells on lease, including this well, completed in or drilling to this reservoir: _____	

If lease, purchased with one or more wells drilled, from whom purchased: Name Address

Well location (give footage from section lines) 780' from S Line; 1955' from W Line	Section—township—range or block and survey Sec. 19-T36N-R30E	Dedication (Comply with Rule 105) 80 acres
---	--	--

Field and reservoir (if wildcat, so state) DINEH-BI-KEYAH	County APACHE
---	-------------------------

Distance, in miles, and direction from nearest town or post office
Approx. 15 miles N, NE of Lukachukai

Proposed depth: 4,500'	Rotary or cable tools Rotary	Approx. date work will start 10/30/71
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Bond Status St. Paul Fire & Marine Ins	Organization Report On file	Filing Fee of \$25.00 Attached X
--	---------------------------------------	--

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Vice President** of the **Republic Mineral Corporation** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

RECEIVED

OCT 26 1971

O & G CONS. COMM.

Signature

Date

E. Howard

10-22-71

Permit Number: **571**

Approval Date: **10-26-71**

Approved By: *W. E. Howard*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

(Complete Reverse Side)

- | | |
|--------------|-------------------------|
| <p>Owner</p> | <p>Land Description</p> |
| | |
-
- CERTIFICATION**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name	<i>J. E. Howard</i>
Position	Vice President
Company	Republic Mineral Corporation
Date	

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
* 13-3/8"		H-40 T&C	Surf.	95.8'		135
* 8-5/8"	24#			842'		400
* 4-1/2"	9.5#	K-		T.D.		
* This pipe was left in hole by previous operator in 1969.						

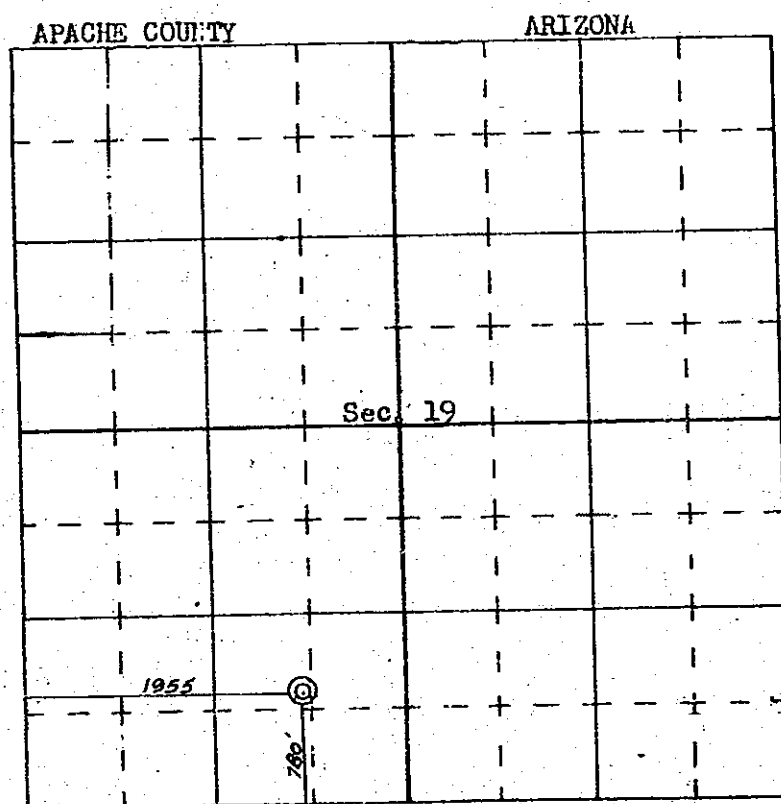
COMPANY REPUBLIC MINERAL CORPORATION

LEASE NAVAJO 2981 WELL NO. E-2X

SEC. 19 T. 36 NORTH R. 30 EAST, G. & S.R.M.

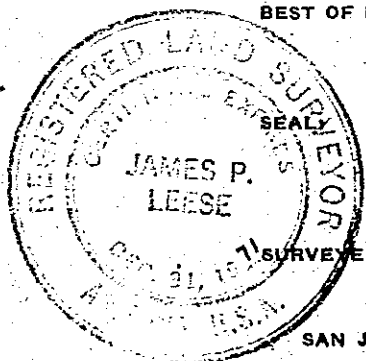
LOCATION 780 feet from the South line and
1955 feet from the West line

ELEVATION 8620.0



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.



James P. Leese
Registered Land Surveyor.

JAMES P. LEESE
Ariz. Reg. No. 1849

4. October 1971

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

571

RECEIVED

OCT 26 1971

O & G CONS. COMM.



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: REPUBLIC MINERAL CORPORATION
(OPERATOR)

to drill a well to be known as

REPUBLIC MINERAL CORPORATION NAVAJO E-2X
(WELL NAME)

located 1780' from S line; 1955' from W line

Section 19 Township 36N Range 30E, Apache County, Arizona.

The 80 acres of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 26th day of October, 19 71.

OIL AND GAS CONSERVATION COMMISSION

By

W. E. [Signature]

EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THRU G (SPACING), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

PERMIT N^o 571

RECEIPT NO. 2906

API NO. 02-001-20156

SAMPLES ARE REQUIRED 20116

State of Arizona
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 400 DB 4005

That we: REPUBLIC MINERAL CORP. AND EASTERN GAS SYSTEMS, INC.

of the County of HARRIS in the State of TEXAS

as principal, and ST. PAUL FIRE AND MARINE INSURANCE COMPANY

of ST. PAUL MINNESOTA

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of FIVE THOUSAND AND NO/100-----DOLLARS (\$5,000.00) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Navajo E-2X, Sec. 19, T36N, R30E, G&SRM, Apache County, Arizona, Lease Designation and Single Well Serial No: NOO-C-14-20-2981

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 18th day of October, 1971

REPUBLIC MINERAL CORP. and EASTERN GAS SYSTEMS, INC.

CANCELLED

By: J. D. Wallace, Jr. - Agent

WITNESS our hands and seals this 18th day of October, 1971

DATE 4-27-73

ST. PAUL FIRE AND MARINE INSURANCE COMPANY

BY:

Jack H. Mullett, Attorney-in-Fact

LEITH, CHARLES & LAUBACH, INC.

Arizona Resident Agent

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date

10-26-71

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By:

Permit No.

571

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Bond

File Two Copies

RECEIVED

Form No. 2

OCT 29 1971

O & G CONS. COMM.

Class 1

CERTIFIED COPY OF POWER OF ATTORNEY

Original on File at Home Office of Company. See Certification.

(A Capital Stock Company)

FIDELITY AND SURETY
DEPARTMENT

ST. PAUL
FIRE and MARINE
Insurance Company
HOME OFFICE: ST. PAUL, MINNESOTA

KNOW ALL MEN BY THESE PRESENTS: That the St. Paul Fire and Marine Insurance Company, a corporation organized and existing under the laws of the State of Minnesota, and having its principal office in the City of Saint Paul, Minnesota, does hereby constitute and appoint

Jack H. Mullett

Houston, Texas

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said St. Paul Fire and Marine Insurance Company, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

This Power of Attorney is executed, and may be certified to and may be revoked, pursuant to and by authority of Article III, -Section 5(C), of the By-Laws adopted by the Board of Directors of the ST. PAUL FIRE AND MARINE INSURANCE COMPANY at a meeting called and held on the 3rd day of August, 1966, of which the following is a true transcript of said Section 5(C).

"The President or any Vice President, Assistant Vice President, Resident Vice President, Secretary or Resident Secretary, shall have power and authority

- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and
- (2) To appoint Special Attorneys-in-fact, who are hereby authorized to certify to copies of any power-of-attorney issued in pursuance of this section and/or any of the By-Laws of the Company, and
- (3) To remove, at any time, any such Attorney-in-fact or Special Attorney-in-fact and revoke the authority given him."

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of said Company adopted at a meeting duly called and held on the 6th day of May, 1959, of which the following is a true excerpt:

"Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN TESTIMONY WHEREOF, the St. Paul Fire and Marine Insurance Company has caused this

instrument to be signed and its corporate seal to be affixed by its authorized officer, this 2nd

day of January A. D. 19 68

ST. PAUL FIRE AND MARINE INSURANCE COMPANY



STATE OF MINNESOTA
County of Ramsey

} ss.

[Signature]
Vice President.

On this 2nd day of January 19 68, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said that he is the therein described and authorized officer of the St. Paul Fire and Marine Insurance Company; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the City of Saint Paul, Minnesota, the day and year first above written.

CANCELLED

C. L. Jaeger

C. L. JAEGER
Notary Public, Ramsey County, Minn.
My Commission Expires June 2, 1974.

DATE 4-27-73 CERTIFICATION

I, the undersigned officer of the St. Paul Fire and Marine Insurance Company, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney,* with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID COMPANY, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day of October 1971

RECEIVED

OCT 29 1971

[Signature]
Secretary.

*Unlimited as to character and amount.
10870 CPS Rev. 11-67 Printed in U.S.A.

O & G CONS. COMM.

June 1, 1973

Mr. Tom Popp
107 South Turkey Creek
Morrison, Colorado 80465

Dear Tom:

Attached are the various forms that you may need initially and also a copy of our Rules and Regulations. If you will refer to Rule 102, that will describe the procedure required to drill or re-enter an existing well in the State of Arizona.

We wish you the best of luck in your attempt to make a well out of the old Republic Minerals hole.

If we can be of any assistance whatsoever, please let us know.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

April 27, 1973

Mrs. Jean Kraemer
St. Paul Fire & Marine Insurance Company
Cravens, Dargan & Company
Houston, Texas 77001

Re: Republic Mineral Corporation Bond No. 400 DB 4005

Dear Mrs. Kraemer:

We are in receipt of Bond No. 918A3727 issued by The Travelers Indemnity Company to Zoller & Danneberg Exploration, Ltd. This Bond covers the old Republic Mineral Corporation Well, Navajo No. E-2X located 780' FSL - 1955' FWL, Section 19-T36N-R30E, Apache County. Since Zoller & Danneberg have now placed this well under Bond No. 918A3727, this Commission is agreeable to releasing Bond No. 400 DB 4005, issued by St. Paul Fire & Marine Company.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

1cc - Susan Treece of Zoller & Danneberg
J. J. Paul of Republic Mineral

April 16, 1973

Travelers Insurance Company
Denver Office
101 University Boulevard
Denver, Colorado 80206

Re: Zoller & Danneberg Exploration, Ltd.
Bond No. 918A3727

Gentlemen:

The above referenced bond has been received by this office. The legal description given for the well has a different spacing pattern than the description given on the original well.

We are returning this bond in order that you may insert the proper legal description.

Should you have any questions concerning this matter, please feel free to contact us.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Enc.

cc - Zoller & Danneberg Exploration, Ltd.

April 13, 1973

Mrs. Jean Kraemer
St. Paul Fire & Marine Insurance Company
Cravens, Dargan & Company
P. O. Box 1660
Houston, Texas 77001

Re: Republic Mineral Corporation
Bond No. 400 DB 4005

Dear Mrs. Kraemer:

In reply to your request dated April 9, 1973, this letter will reaffirm the State of Arizona Oil and Gas Conservation Commission's position regarding relief of the above referenced bond.

This Commission cannot release the subject bond until such time as Republic Mineral Corporation has fulfilled their obligation to the State of Arizona under the bond.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

CRAVENS, DARGAN & COMPANY

1903 Hermann Drive
P. O. Box 1660 / Houston, Texas 77001

REGISTERED MAIL
RETURN RECEIPT REQUESTED

April 9, 1973

Mr. W. E. Allen, Director
Enforcement Section
Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Ave.
Phoenix, Arizona 85013

SP F&M Bond No. 400 DB 4005
Republic Mineral Corp. and
Eastern Gas Systems, Inc.
Single Well Drilling Bond - \$5,000.00
to State of Arizona - Eff. 10/18/71

Dear Mr. Allen:

We wrote you on January 23, 1973 requesting for cancellation of captioned bond in accordance with the bonds terms and conditions.

We have received your letters of January 24, 1973 and March 15, 1973 along with copy of Rule 101 of the Rules and Regulations. You advised us that Republic Mineral informs your office that they have assigned all its interest to this well and lease to another party and that this assignment does not in no way release Republic from their obligations.

We, therefore, would appreciate your letter rescinding our notice of cancellation on this bond. Your attention will be appreciated.

Sincerely,
Fidelity-Surety Department

Jean Kraemer

(Mrs.) Jean Kraemer
Attorney-in-Fact
St. Paul Fire & Marine Insurance Co.

jk

cc Draper & Associates
Siteman Bldg. - Suite 530
6900 Rannin
Houston, Texas 77025

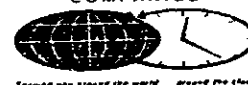
RECEIVED

APR 12 1973

O & G CONS. COMM.

Insurance Managers Since 1903

THE ST. PAUL
COMPANIES



THE TRAVELERS

THE TRAVELERS INSURANCE COMPANY • THE TRAVELERS INDEMNITY COMPANY

SURETY DIVISION
ELSTON K. SMITH, MANAGER



DENVER OFFICE
101 University Boulevard
DENVER, COLORADO 80206
Telephone: (303) 321-2333

April 5, 1973

State of Arizona
Oil & Gas Conservation Commission
Phoenix, Arizona

REFERENCE: Zoller & Danneberg Exploration, Ltd.
Bond No. 918A3727

Gentlemen:

Attached is the above referenced bond which has been properly
signed and executed and countersigned by a resident agent of
the State of Arizona.

Very truly yours,

SURETY DIVISION

sp
Attachment

RECEIVED

APR 13 1973

O & G CONS. COMM.

HOME OFFICE: HARTFORD, CONNECTICUT

March 22, 1973

Mr. William H. Carpenter
Mr. James R. Taylor
1755 Glenarm Place
Denver, Colorado 80202

Re: Navajo Tribal Lease
NOO-C-14-20-2981

Gentlemen:

We are in receipt of a letter dated March 15, 1973, from the Oil and Gas Conservation Commission advising that the Commission refuses to cancel our bond on the captioned lease, despite the transfer of our interest to you.

We are attaching a copy of this letter and enclosures thereto which describe certain steps that you should take in this matter. Please see section 101-B2.

Please take steps to meet this requirement in order that our bond may be canceled.

Yours very truly,

REPUBLIC MINERAL CORPORATION

J. J. Paul

JJP:ms
cc:Oil and Gas Conservation Commission

RECEIVED

MAR 27 1973

O & G CONS. COMM.

March 15, 1973

St. Paul Fire and Marine Insurance Company
P. O. Box 1660
Houston, Texas 77001

Re: Republic Mineral Corporation
Bond No. 400 DB 4005

ATTENTION - JEAN KRAEMER

Gentlemen:

After receiving your request to cancel the above referenced bond, we contacted Republic Mineral Corporation to inform them that certain rules of the Oil and Gas Conservation Commission of the State of Arizona, must be complied with prior to cancellation of this bond.

Republic Mineral informs this Commission that they have assigned all its interest to this well and lease to another party. This assignment will in no way release Republic from their obligations. This Commission must refuse to cancel this bond until all commitments have been met. We are attaching a copy of Rule 101 of the Rules and Regulations for your information.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

lcc - Republic Mineral

Enc.



REPUBLIC MINERAL CORPORATION

March 13, 1973

Mr. W. E. Allen, Director
Enforcement Section
Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Re: Navajo Tribal Lease
NOO-C-14-20-2981

Dear Mr. Allen:

As set forth in our letter addressed to the Department of the Interior, a copy of which is enclosed herewith for your files, Republic Mineral Corporation has assigned all of its interest in and to the captioned lease to William H. Carpenter and James R. Taylor of 1755 Glenarm Place, Denver, Colorado 80202.

This assignment specifically provides that the assignee, operating as Mountain States Exploration Company, perform all necessary restoration services that may be required in connection with Well No. E-2X.

We have furnished this firm a copy of your letter dated January 24, 1973 and requested that they advise us if such work has been done or the date that the work will be done. We will promptly advise you as to their answer.

Yours very truly,

REPUBLIC MINERAL CORPORATION

JJ Paul
J.J. Paul

JJP:jad

RECEIVED

MAR 15 1973

O & G CONS. COMM.

October 11, 1972

Mr. P. T. McGrath
United States Department of the Interior
Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Re: Navajo Tribal Lease
NOO-C-14-20-2981

Dear Mr. McGrath:

Please be advised that the owners of the captioned lease, Envirosearch Corporation, Harold L. Penn, and Republic Mineral Corporation, assigned all of their interest in said lease to William H. Carpenter and James R. Taylor of 1755 Glenarm Place, Denver, Colorado, 80202, on September 15, 1972.

In consideration of this assignment, Messrs. Carpenter and Taylor, operating as Mountain States Exploration Company, agreed to perform all restoration and clean-up services that may be required in connection with Well No. E-2X.

Yours very truly,

REPUBLIC MINERAL CORPORATION

J. J. Paul

JJP/la

RECEIVED

MAY 13 1973

O & G CONS. COMM.

March 12, 1973

Mr. Ted Strickland
Rocky Mountain Well Log Service Co.
1753 Champa Street
Denver, Colorado 80202

Re: Republic Mineral Corp.
Navajo - E2X/File #571
19-36N-30E - Apache County

Kerr-McGee Corp.
#1-"C" Navajo/File #484
33-36N-30E - Apache County

R. Y. Walker
#1 Navajo/File #574
20-36N-18E-Navajo County

Desert Drilling Co. (Keoughan Drig. Co.)
#1 State/File #156
16-7S-13W - Yuma County

Dear Mr. Strickland:

We are forwarding, on loan, the following logs that you have requested on the above referenced wells:

Republic Minerals Corp. -	Compensated Formation Density Log Induction - Electrical Log
Kerr-McGee Corp. -	Induction - Electrical Log Borehole Compensated Sonic Log - Gamma Ray
R. Y. Walker -	Caliper Log Induction-Electrical Log Gamma Ray-Neutron
Desert Drilling Co. - (Keoughan Drig. Co.)	Two Acoustilog Logs Induction Electrolog

The logs on the two Humble Oil & Refining Wells you requested are confidential until September 13, 1973.

It will be appreciated if you will return these logs as quickly as possible.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Rocky Mountain Well Log Service Co.

1753 Champa Street

DENVER, COLORADO

266-0588 Area Code 303

80202

BOB ANDREWS, Division Manager



March 8, 1973

CASPER, WYOMING

BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 234-6921

Arizona Oil & Gas Conservation Commission

Attn: W. E. Allen
4515 North 7th Ave
Phoenix, Arizona 85013

MIDLAND, TEXAS

DAVID CLARK
105 WEST WALL
PHONE 682-0591

Gentlemen:

May we please borrow the following logs from you?

Republic Mineral Corp.
Navajo - E2X
19-36N-30E

Humble O & R
#1-14 State
25-38-11W

Humble O & R
#1-74 State
2-8S-8E

Kerr-McGee Corp.
#1-"C" Navajo
33-36N-30E

R. W. Walker
#1 Navajo
20-36N-18E

Keoughan Drilg. Co.
#1 State
16-7S-13W

Please find enclosed a postage-paid, self-addressed envelope for your convenience.

Thank you for your cooperation in advance.

Sincerely,

Ted Strickland
Ted Strickland

TLS:ck

RECEIVED

MAR 12 1973

O & G CONS. COMM.

January 24, 1973

Mr. Jack Havard
Republic Mineral Corporation
2 Greenway Plaza East 500
Houston, Texas 77046

Re: St. Paul Fire and Marine Bond No. 400 DB 4005 - \$5,000

Dear Mr. Havard:

We have received a request from the bonding company signifying that your company has requested cancellation of the above referenced bond.

We advised you by letter dated May 8, 1972, that the mouse hole and rat hole were not properly filled and plugged. Due to rains and melting snow, these holes had become enlarged some four to five feet in diameter and presents a hazard to humans and livestock.

As quickly as this location is properly prepared to the Commission's specifications, we will release the bond.

It would be appreciated if you would advise this office when the recommended work is performed and what day we may physically inspect this location.
Sis + rat

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

lcc - St. Paul Fire and Marine
Jean Kramer

THE ST. PAUL
INSURANCE COMPANIES



Serving you around the world... around the clock

ST. PAUL FIRE AND MARINE INSURANCE COMPANY

NOTICE OF BOND CANCELLATION

BOND NO.	AMOUNT	KIND OF BOND	CANCELLATION EFFECTIVE:	DATE
400 DB 4005	\$ 5,000.00	Single Well Drilling Bond	in accordance with State Laws	1/23/73

NAME AND ADDRESS OF OBLIGEE

State of Arizona
Oil and Gas Conservation Commission
4515 North 7th Ave.
Phoenix, Arizona 85013

REGISTERED MAIL
RETURN RECEIPT
REQUEST

Gentlemen:

PLEASE TAKE NOTICE that this Company elects to cancel the above mentioned bond in accordance with its terms and conditions, cancellation to be effective as indicated above.

NAME AND ADDRESS OF PRINCIPAL

Republic Mineral Corp. and Eastern
Gas Systems, Inc.
2 Greenway Plaza East #500
Houston, Texas 77046

BY Jean Kraemer
Jean Kraemer ATTORNEY-IN-FACT

RECEIVED

JAN 24 1973

O & G CONS. COMM.

September 6, 1972

Mr. William Carpenter
Mountain States Exploration, Inc.
Continental Oil Building
Penthouse 2
1755 Glenarm Place
Denver, Colorado 80202

Re: Republic Minerals & Navajo-E 2X
Apache County, Arizona
T 36N - R 30 E
Section 19: 760 FSL and 1950 FWL
Total depth: 4449/ft
Permit No. 571

Dear Mr. Carpenter:

Enclosed is a copy of the Oil and Gas Conservation Commission Rules and Regulations, Designation of Operator and Bond Forms. I believe Rule 101B, page 6, will answer your questions.

This Commission will accept a properly executed Designation of Operator, page 9, as evidence of the transfer of operating authority.

Please do not hesitate to let us know if we can be of further service to you.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

MOUNTAIN STATES EXPLORATION, INC.

WILLIAM H. CARPENTER, Petroleum Landman
JAMES R. TAYLOR, Petroleum Geologist

CONTINENTAL OIL BUILDING
Penthouse 2
1755 GLENARM PLACE
DENVER, COLORADO 80202
303/892-7133

August 30, 1972

Arizona Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Gentlemen:

We contemplate taking over the operation and ownership of the Navajo Tribal Lease on which the following well has been drilled:

Republic Minerals # Navajo-E 2X
Apache County, Arizona
T 36 N - R 30 E
Section 19: 760 FSL and 1950 FWL
Total depth: 4449/ft

Our purpose in contacting your office is to determine the extent of our obligation to the State of Arizona with particular regard to our bonding and the termination of the earlier bond. If you would advise in that regard and furnish bond forms we would be most appreciative. Thank you very much.

Sincerely yours,



William H. Carpenter

WHC/do

RECEIVED

SEP 01 1972

O & G CONS. COMM.

May 8, 1972

Mr. Jack Havard
Republic Mineral Corporation
Two Greenway Plaza East Suite 500
Houston, Texas 77046

Re: Republic Mineral Corporation Navajo #E-2X
SE/SW Section 19-T36N-R30E
Apache County
Our File #571

Dear Mr. Havard:

On a recent inspection trip to the above abandoned location, it was noticed that at the time the well was plugged and the location cleaned, the rat hole was not properly filled and plugged. Due to the rains and melting snow, this hole has become enlarged some four to five feet, and presents a hazard to humans and livestock.

Please have this rat hole filled at your earliest convenience and advise this office at the time this work has been accomplished.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

cc - Mr Phil McLiath

December 29, 1971

Mr. Jack Havard
Republic Mineral Corporation
Two Greenway Plaza East Suite 500
Houston, Texas 77046

Re: Republic Mineral Corporation Navajo E-2X
SE/SW Section 19-T36N-R30E
Apache County
Our File #571

Dear Mr. Havard:

Please refer to our letter of December 8, 1971 requesting a Completion Report on the above referenced well. As of this date we haven't received this report. Please submit a Completion Report to this office immediately.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

December 8, 1971

Mr. Jack Havard
Republic Mineral Corporation
Two Greenway Plaza East Suite 500
Houston, Texas 77046

Re: Republic Mineral Corporation Navajo E-2X
SE/SW Section 19-T36N-R30E
Apache County
Our File #571

Dear Mr. Havard:

As of this date we haven't received the Completion Report on the above referenced well.

Attached for your convenience are copies of Form 4, Well Completion or Recompletion Report and Well Log. Please complete and return one copy of this form to this office at your earliest convenience.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.



REPUBLIC MINERAL CORPORATION

November 24, 1971

Oil & Gas Conservation Commission
State of Arizona
1824 West Adams Rm. 202
Phoenix, Arizona 85007

Attention: Mr. W.E. Allen - Enforcement Section

Dear Mr. Allen,

Please find enclosed two copies of each log run by
Republic Mineral Corporation on the Navajo E-2X well in
the Dineh Bi Keyah Field in Apache County, Arizona.

Yours very truly,

REPUBLIC MINERAL CORPORATION

J. E. Havard

J. E. Havard

JEH/cm

RECEIVED

NOV 25 1971

O & G CONS. COMM.



REPUBLIC MINERAL CORPORATION

November 3, 1971

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. W. E. Allen, Director
Enforcement Division
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

We enclose herewith the Performance Bond re our Apache County,
Arizona well, properly reflecting the legal description of the well.

Yours very truly,

REPUBLIC MINERAL CORPORATION

Jack E. Havard /lr

Jack E. Havard
Vice President

JEH/la
enclosure

RECEIVED

NOV 04 1971

O & G CONS. COMM.



REPUBLIC MINERAL CORPORATION

November 1, 1971

Oil & Gas Conservation Commission
STATE OF ARIZONA
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen
Enforcement Section

Gentlemen:

Please be informed that on the 30th of October, 1971, Republic
Mineral Corporation spudded in their Navajo E-2X Well, Apache County,
Arizona.

Very truly yours,

REPUBLIC MINERAL CORPORATION

Jack E. Havard
Vice President

JEH/la

RECEIVED

NOV 02 1971

O & G CONS. COMM.

Permit 571

November 1, 1971

Mr. Jack Havard
Republic Mineral Corporation
Two Greenway Plaza East Suite 500
Houston, Texas 77046

Re: Performance Bond #400 DB 4005

Dear Mr. Havard:

We are returning the above referenced Performance Bond. Please have the legal description of the well covered by this Bond inserted in the proper blank. As quickly as this has been done, return the Bond to us for our approval.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Ebc.



REPUBLIC MINERAL CORPORATION

October 27, 1971

Oil & Gas Conservation Commission
STATE OF ARIZONA
4515 North 7th Avenue
Phoenix, Arizona 85013

Attn: Mr. W. E. Allen, Director
Enforcement Section

Re: E-2X Navajo Well
Apache County, Arizona

Dear Mr. Allen:

Enclosed please find Performance Bond and Certified Copy of
Power of Attorney re the above captioned well.

Thanking you again, I remain,

Yours very truly,

REPUBLIC MINERAL CORPORATION

Jack E. Havard

Jack E. Havard
Vice President

JEH/la
enclosures

RECEIVED

OCT 29 1971

O & G CONS. COMM.

October 26, 1971

Republic Mineral Corporation
Two Greenway Plaza East Suite 500
Houston, Texas 77046

Re: Republic Mineral Corporation Navajo E-2X
SE/SW Section-19 T-36N-R30E
Apache County
Our File #571

Dear Mr. J. E. Havard:

Enclosed please find Receipt No. 2906 covering the \$25 filing fee,
a copy of your approved application for Permit to Drill and Permit
to Drill #371.

Also enclosed are miscellaneous instruction sheets concerning
samples and other Commission requirements. We are also enclosing
a copy of our Rules and Regulations.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.



REPUBLIC MINERAL CORPORATION

October 22, 1971

Mr. Allen
Oil & Gas Conservation Commission
STATE OF ARIZONA
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Enclosed please find Form No. 1, 3, our check, and plat of our proposed re-entry. After talking with you this morning, I contacted the office of Leith Charles, Inc., in Phoenix, and they said they would furnish your office with whatever information you needed. As soon as the bond is received, I shall forward it to you.

If I have omitted anything, please feel free to call me collect. This is our first venture in Arizona and I could possibly have overlooked something.

Thanking you again, I remain,

Very truly yours,

REPUBLIC MINERAL CORPORATION

Jack E. Havard

Jack E. Havard
Vice President

JEH/la
enclosures

RECEIVED

OCT 26 1971

571

O & G CONS. COMM.

LEITH, CHARLES & LAUBACH, INC.
INSURANCE

E. HILL LEITH (1890-1970)
ROBERT M. CHARLES, C.P.C.U.
ROBERT A. LAUBACH, C.P.C.U., C.L.U.
E. PAYNE PALMER, III, C.L.U.
DONALD G. ALEXANDER, C.P.C.U.

PHONE 264-1634

3550 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85012

October 22, 1971

Mr. W. E. Allen
Director of Enforcement Section
Oil & Gas Commission
4415 N. 7th Ave.
Phoenix, Arizona

Re: St. Paul Fire & Marine Bond #400 DB 4005
Republic Mineral Corp. and Eastern Gas Systems, Inc.
Single Well Drilling Bond - \$5,000.
Legal Description: SE 1/4 of SW 1/4 Section 19,
Township 36 N. Range 30 E., Apache County, Arizona

Dear Mr. Allen:

In accord with our telephone conversation today, this letter will verify that the captioned bond was countersigned by our agency and returned to the producing agent, per their instructions. We do not keep copies of the bonds in our files, however a copy of the agent's cover letter is attached for your information.

Please let us know if we can be of further assistance.

Very truly yours,

LEITH, CHARLES & LAUBACH, INC.
Donald G. Alexander
Donald G. Alexander, C.P.C.U.

Encl. (1)
DGA/tb

Copy to: Draper & Associates
6900 Fannin, Siteman Bld.
Suite 530
Houston, Texas 77025

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OCT 26 1971

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O & G CONS. COMM.

Offering complete facilities for underwriting and servicing all insurance and bond requirements.

CRAVENS, DARGAN & COMPANY

1903 Hermann Drive
P. O. Box 1660 / Houston, Texas 77001

October 19, 1971

Leith & Charles, Inc.
2214 N. Central Avenue
Phoenix, Arizona 85004

Re: SP F&M Bond No. 400 DB 4005.
Republic Mineral Corp. and
Eastern Gas Systems, Inc.
Single Well Drilling Bond
\$5,000.00

Gentlemen:

Enclosed is captioned bond which has been executed
by Jack H. Mullett, attorney-in-fact for the St.
Paul Fire and Marine Insurance Company. A certified
copy of his power-of-attorney is attached.

Please countersign the captioned bond and return to
the agent at the address below.

Thanking you in advance for your help, we remain

Sincerely,

Lois Chatham

(Mrs.) Lois Chatham
Bond Department

lc
encl.

cc: Draper & Associates
6900 Fannin, Siteman Bld.
Suite 530
Houston, Texas 77025

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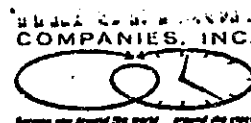
OCT 26 1971

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REPUBLIC MINERAL CORPORATION

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRE

DATE	DESCRIPTION	AMOUNT
10-22-71	Application for Drilling Permit, Apache County, Arizona	\$25.00
		571